Williamson Dam and Lake Cisco

OWNER

City of Cisco.

ENGINEER (Design)

Elrod Engineering Company.

LOCATION

On Sandy Creek in Eastland County, 4 miles north of Cisco.

DRAINAGE AREA

26 square miles. Water is pumped from Battle Creek to Lake Cisco to supplement runoff of Sandy Creek.

DAM

Type	Concrete (slab and buttress)
Length	1,060.0 ft
Height to roadway	133.5 ft
Top of dam elevation	1,528.5 ft above msl
Roadway elevation	1,534.75 ft above msl

SPILLWAY (emergency)

Type	Concrete (uncontrolled)
Length	270 ft
Crest elevation	1,520.0 ft above msl
Location	Near center of dam

OUTLET WORKS

Gravity supply line to water treating plant.

STATE AUTHORIZATION

Permit No. 439 (Application No. 455) June 16, 1920, authorized a dam to impound 9,363 acre-feet of water.
Permit No. 1131 (Application No. 1207) December 20, 1929, authorized increasing capacity to 45,000 acre-feet (actual realized 25,600 acre-feet).
Permit No. 1738 (Application No. 1870) January 25, 1955, authorized diversion of 1,000 acre-feet annually from Battle Creek.

RESERVOIR DATA (Based on 10 foot contours by the Henry Exall Elrod Company May 24, 1920)

Design elevation 1,520.0 feet above msl, capacity 26,000 acre-feet, area 1,050 acres.
Operating elevation 1,496.0 feet above msl (restricted due to back-water flooding), capacity 8,800 acre-feet, area 445 acres.

GENERAL

Construction started	1920
Dam completed	September 7, 1923
Water use began	1925
Battle Creek diversion began	May 1956
Contractor	Friestedt Construction Company
Cost	$1,500,000